

We Claim:

- 1 1. An ECG monitoring apparatus comprising:
2 an electrode/lead assembly attachable to a patient;
3 a data acquisition module attached to said electrode/lead assembly; and
4 a printer directly connected to said data acquisition module.

- 1 2. An ECG monitoring apparatus as recited in Claim 1, wherein said data
2 acquisition module includes an A/D converter.

- 1 3. An ECG monitoring apparatus as recited in Claim 1, wherein said printer
2 is a conventional computer printer.

- 1 4. An ECG monitoring apparatus as recited in Claim 1, wherein the data
2 acquisition module is housed within the printer.

- 1 5. An ECG monitoring apparatus as recited in Claim 1 wherein said printer
2 is an ink-jet computer printer.

- 1 6. An ECG monitoring apparatus as recited in Claim 1, including a
2 supporting structure.

- 1 7. An ECG monitoring apparatus as recited in Claim 6, wherein said
2 supporting structure is a cart.

- 1 8. An ECG monitoring apparatus as recited in Claim 7, wherein said cart
2 includes at least one storage area for retaining loose items for storage thereof.

- 1 9. An ECG monitoring apparatus as recited in Claim 8, wherein said at
2 least one storage area is a drawer.

1 10. An ECG monitoring apparatus as recited in Claim 9, wherein said at
2 least one storage area is a shelf.

1 11. An ECG monitoring apparatus as recited in Claim 1, including a user
2 interface for operating at least one of said printer, said electrode/lead assembly and said
3 data acquisition module.

1 12. An ECG monitoring apparatus as recited in Claim 1, including a display
2 for displaying data acquired by said data acquisition module.

1 13. An ECG monitoring apparatus as recited in Claim 1, wherein said data
2 acquisition module is a compact housing commonly retaining a plurality of leads from
3 said electrode/lead assembly, said data acquisition module connected to said printer.

1 14. An ECG monitoring apparatus as recited in Claim 13, wherein said data
2 acquisition module is wirelessly connected to said printer, said module including means
3 for bi-directionally communicating between said printer.

1 15. An ECG monitoring apparatus as recited in Claim 4, wherein the ends
2 of a plurality of leads from said electrode/lead assembly are connected to said data
3 acquisition module.

1 16. An ECG monitoring apparatus as recited in Claim 1, wherein said data
2 acquisition module and said electrode/lead assembly are removably attachable to said
3 printer.

1 17. An ECG monitoring apparatus as recited in Claim 1, further including
2 a shroud assembly of receiving connections from said electrode/lead assembly and said
3 data acquisition module said shroud assembly being configured to interconnect a
4 conventional table to computer printer therewith.

1 18. An ECG monitoring apparatus as recited in Claim 17, wherein said
2 shroud assembly includes a shroud housing that covers at least a portion of said printer
3 and includes a user interface for operating said printer and said ECG monitoring
4 apparatus.

1 19. An ECG monitoring apparatus as recited in Claim 18, wherein said
2 shroud assembly includes a display.

1 20. An ECG monitoring apparatus as recited in Claim 18, wherein said
2 shroud assembly includes a programmable ASIC.

1 21. An ECG monitoring apparatus as recited in Claim 18, wherein said data
2 acquisition module is a compact housing commonly retaining the ends of leads from
3 said electrode/lead assembly, said data acquisition module being tethered to said shroud
4 assembly.